

Curriculum vitae

DESMOND KWAME NKANSAH

PERSONAL INFORMATION

Sex:	Male
Date of Birth:	16th March, 1991
Marital status:	Single
Language Spoken:	English, Ga and Twi Fluently
Postal Address:	P.O. Box 5173, Kumasi-Ghana

WORK EXPERIENCE **Chem. Eng. Dept., KNUST – *Snr Lab. Technician: NOV.2016 – Till date***

Responsibilities

- Operation, Calibration and maintenance of Parr 6400 Bomb Calorimeter, Zetasizer Nanoseries, Kruss Flame Photometer, Accelerated Solvent Extractor
- Daily cleaning and routine maintenance of the Parr 6400 Bomb Calorimeter, Zetasizer Nanoseries, Kruss Flame Photometer, Accelerated Solvent Extractor
- Standardization and determination of calorific values (higher and net) of samples
- Technical reporting of results of samples analyzed using the Parr 6400 Bomb Calorimeter, Zetasizer Nanoseries, Kruss Flame Photometer, Accelerated Solvent Extractor
- Responsible for the activities in the Process Development Laboratory
- Preparation and standardization of solutions,
- Conduct and facilitates laboratory experiment
- analyze samples for students
- Cleaning and maintaining the various types of equipment in the Laboratories
- Ensuring all safety precautionary measures are in place and strictly adhered to by Laboratory and/or equipment users
- Performance of Laboratory tests on equipment in order to ensure precise reliable scientific data is produced

- Handling and storing of Chemicals and other materials
- Documentation of experimental procedures and preparing Laboratory requests
- Ensuring the Laboratory is well stocked and resourced for operation
- Installation and commissioning of equipment if required
- Give technical support to lecturers and students
- Conducting research to develop new procedures and methods of experiment to save limited time and resources
- Documentation and scheduling of experiments

Aspee Pharm. Limited – QC Analyst Apr.2016 – Oct. 2016

Responsibilities

- Checking the quality of raw materials and finished products from the Syrup production department,
- Assay on the finished products for the quality of the Active Pharmaceutical Ingredients,
- Checking the levels of temperature and humidity in the storage, production and stores department.

KNUST-Chemistry Dept. – Teaching Asst.: Sept.2014 – Aug. 2015

Responsibilities

- Offered tutorials to third year Chemistry, Environmental Science and second year Food Science students;
- Tutored courses in Organic Chemistry and Environmental Chemistry

EDUCATION

KNUST, BSc (Hons.) CHEMISTRY – Second Class Upper Division: 2014

***ST. PETER'S BOYS' SENIOR HIGH SCHOOL, Nkwatia: 2009
(West African Senior Secondary School Certificate Examination)***

***SUPREME SAVIOUR INT. SCHOOL, Tanoso: 2006
(Basic Education Certificate Examination)***

TRAINING

- Training on Chromeleon 7.2, Ion Chromatography and High-Performance Liquid Chromatography Hardware and Troubleshooting, Accelerated Solvent Extractor and UV Spectrophotometer, Anatech Analytical Technology, Kumasi, August, 2017.
- Training on Drilling Fluids and Oil Cementing and Drilling and Well Control Simulator, ASIS Petroleum Consultants, Kumasi August, 2017
- Training on ISO/IEC 17025:2005; Quality Management System and Requirement for Analytical Laboratories, SGS Academy, Kumasi June 2017

KEY COMPETENCIES

- Verbal and written communication skills
- Listening skills, Problem analysis, Problem solving
- Attention to detail, Team work, Stress tolerance and Resilience

INTEREST

Reading, Swimming, writing, Sight-Seeing and listening to music

PERSONAL/SKILLS

- MS Word, MS Excel and MS PowerPoint (Excellent)
- Research, Critical thinking and Analysis

REFEREES

Johannes A.M. Awudza (Associate Professor)
Department of Chemistry, KNUST
0244405662
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Department of Chemistry, KNUST
0243826968